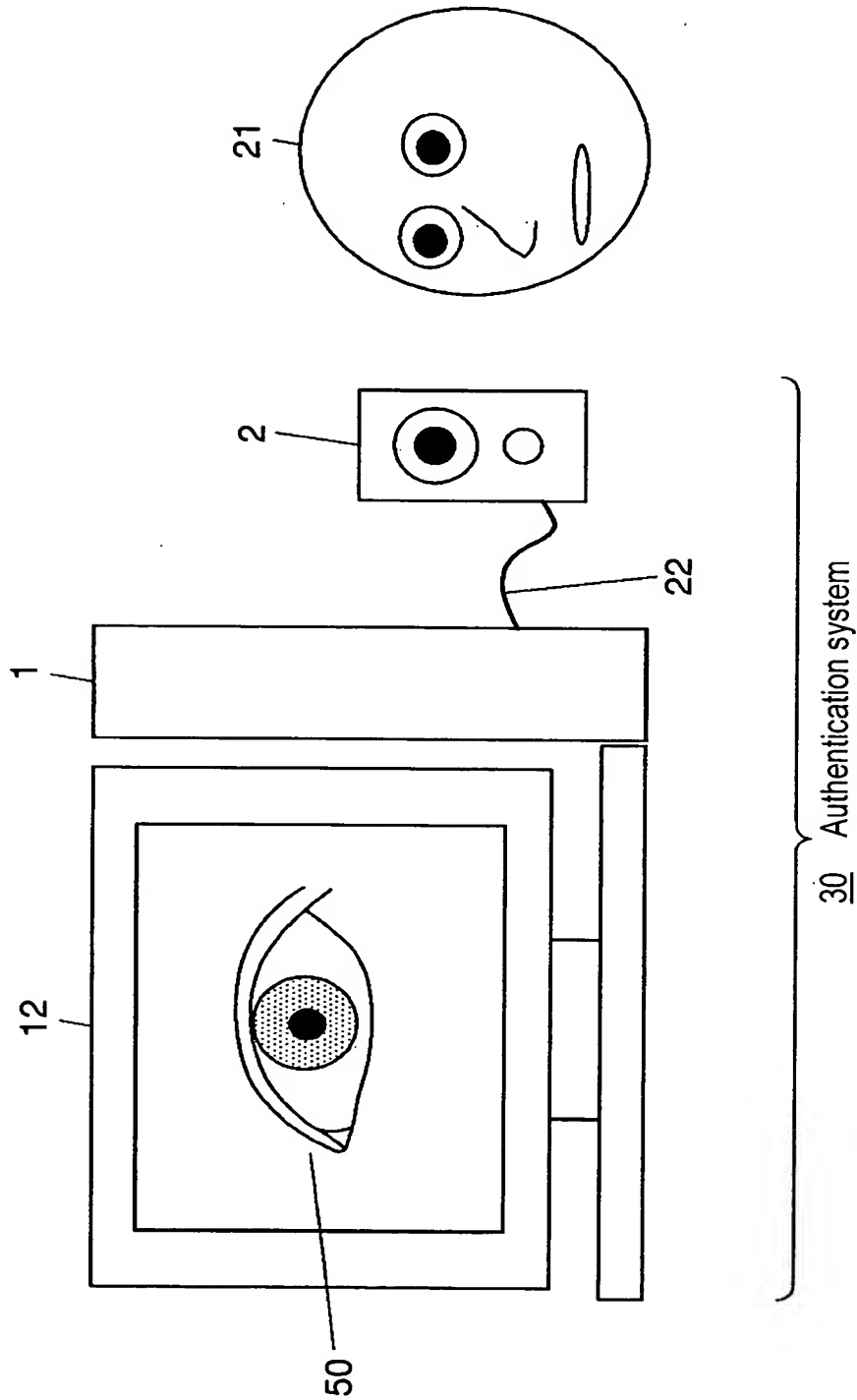


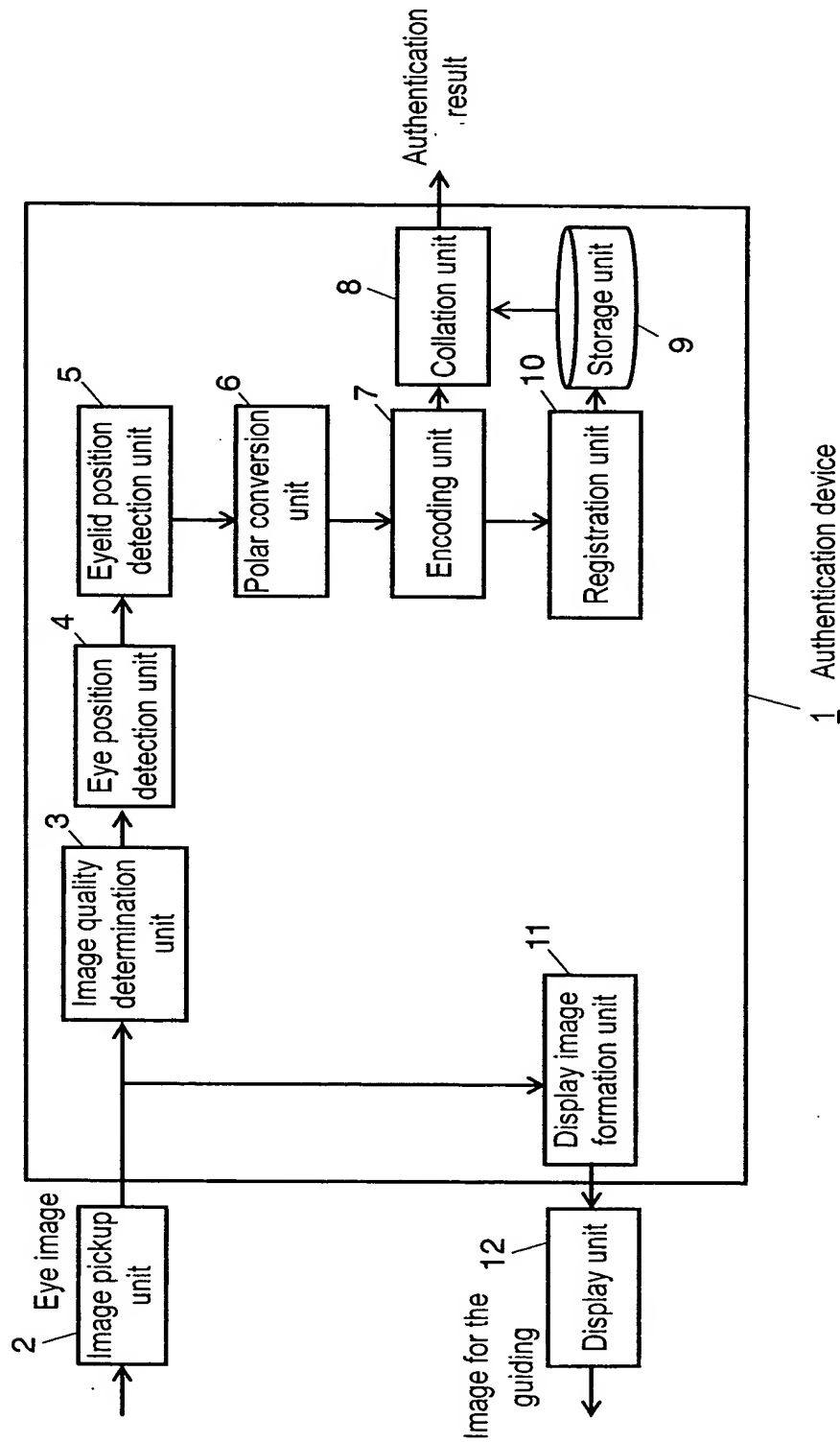
1/13

FIG. 1



2/13

FIG. 2



3/13

FIG. 3

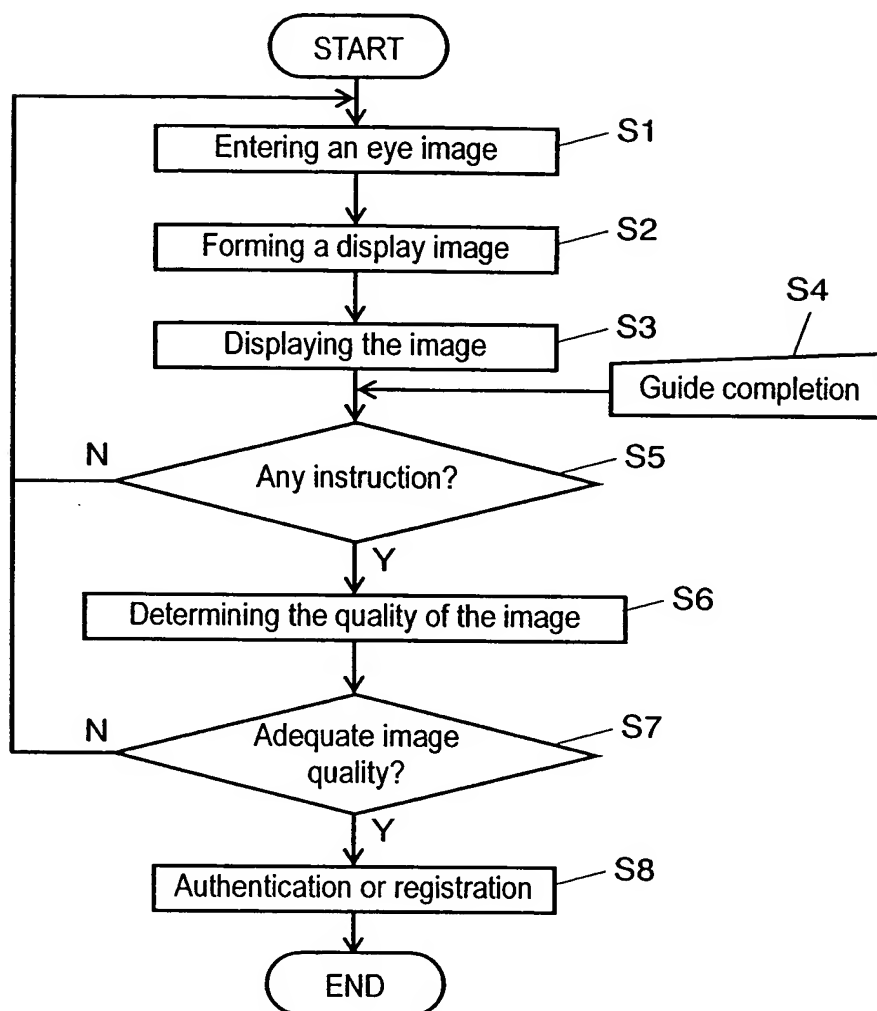


FIG. 4



4/13

FIG. 5



FIG. 6

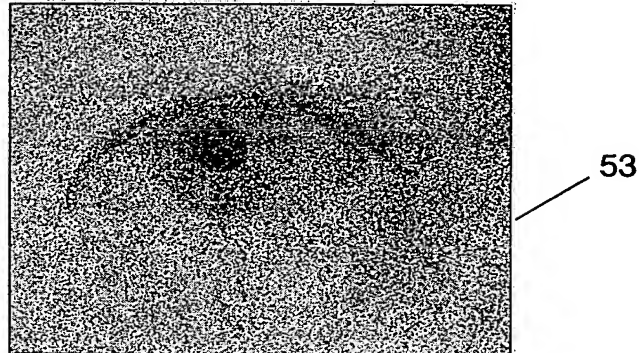
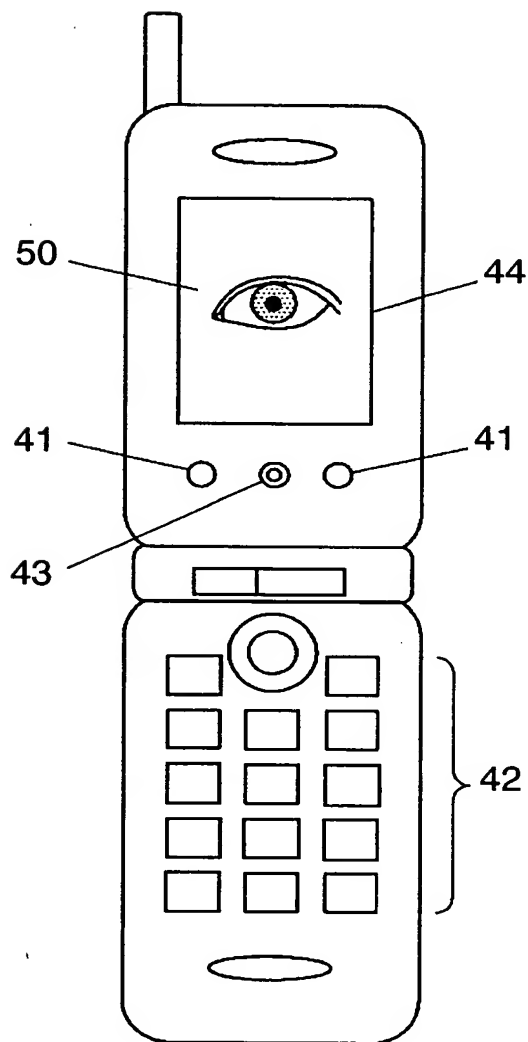


FIG. 7



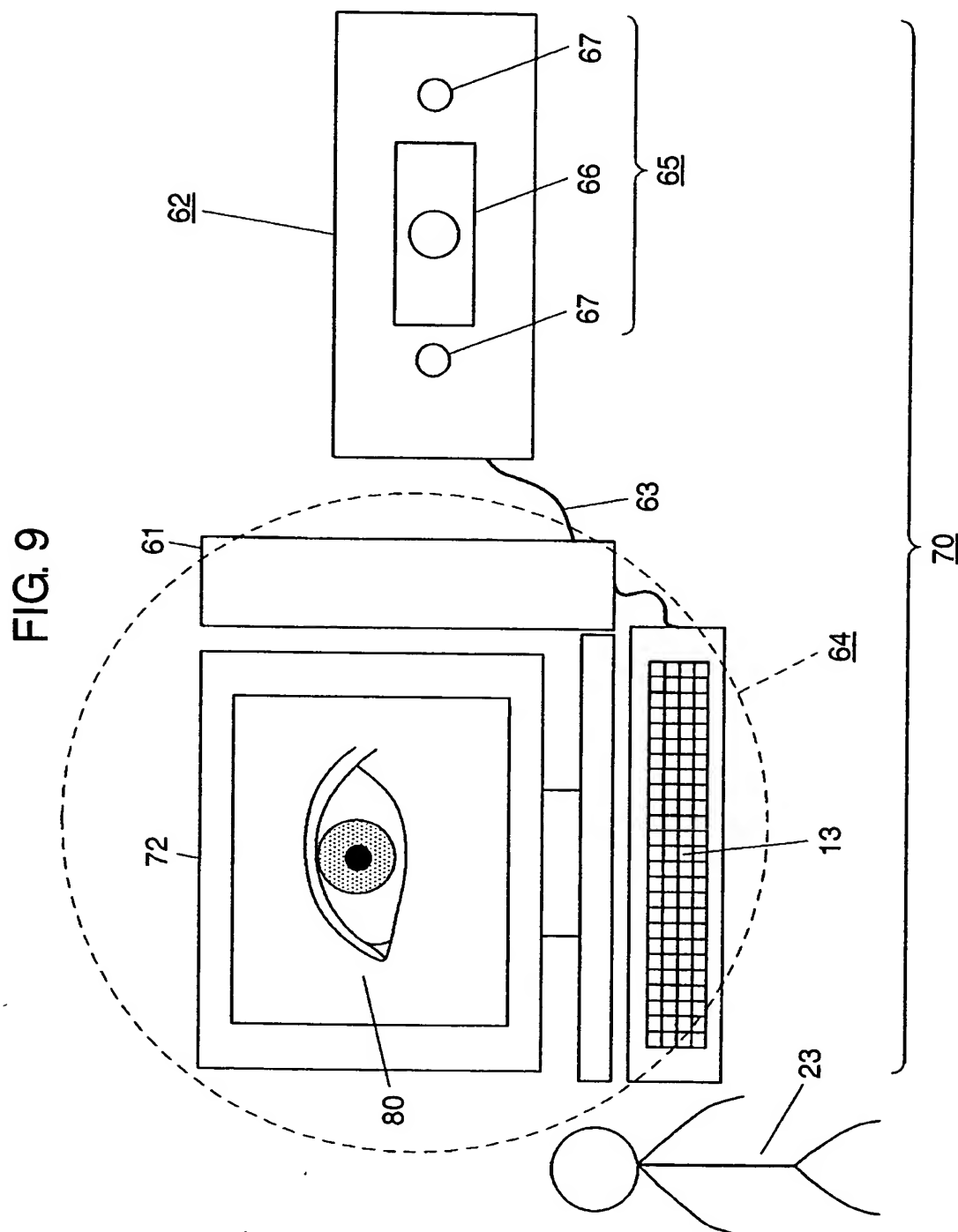
5/13

FIG. 8



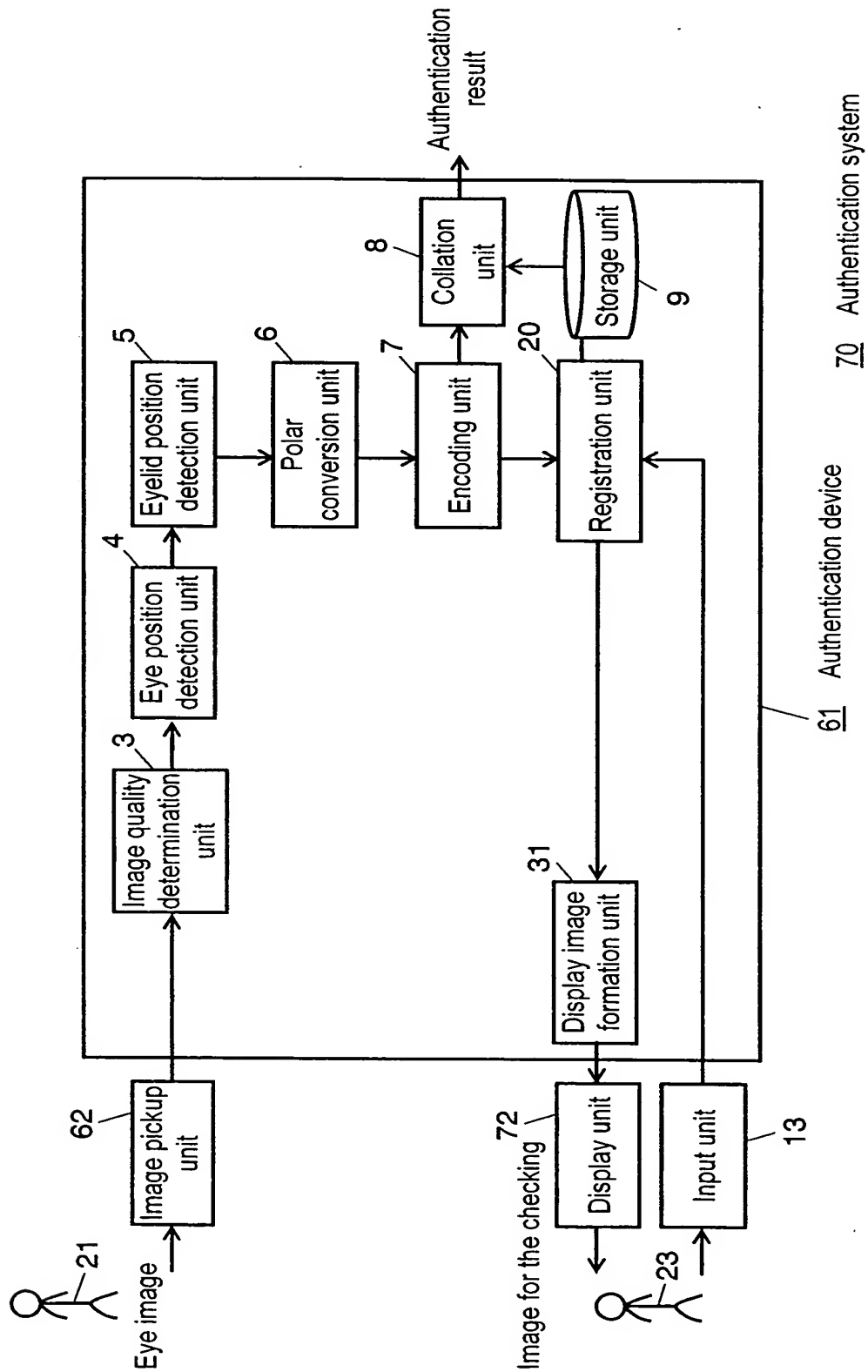
40

6/13



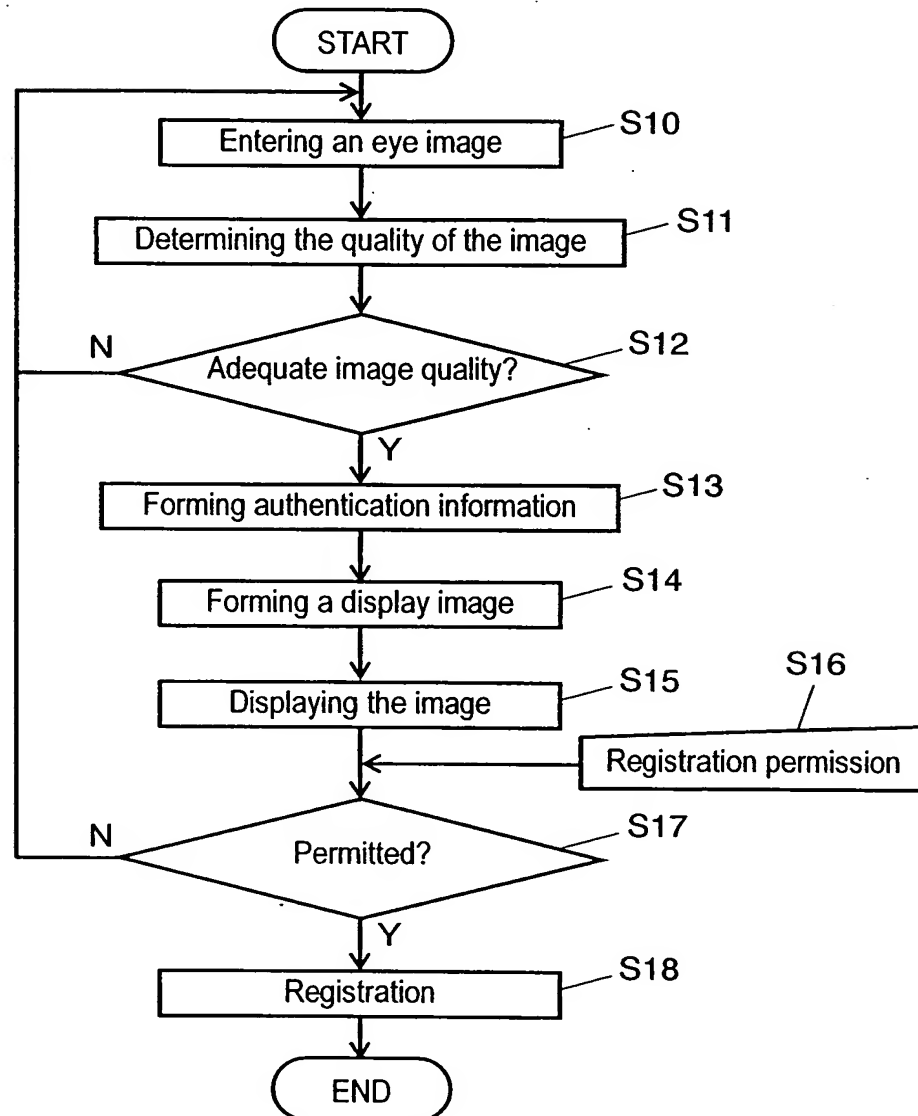
7/13

FIG. 10



8/13

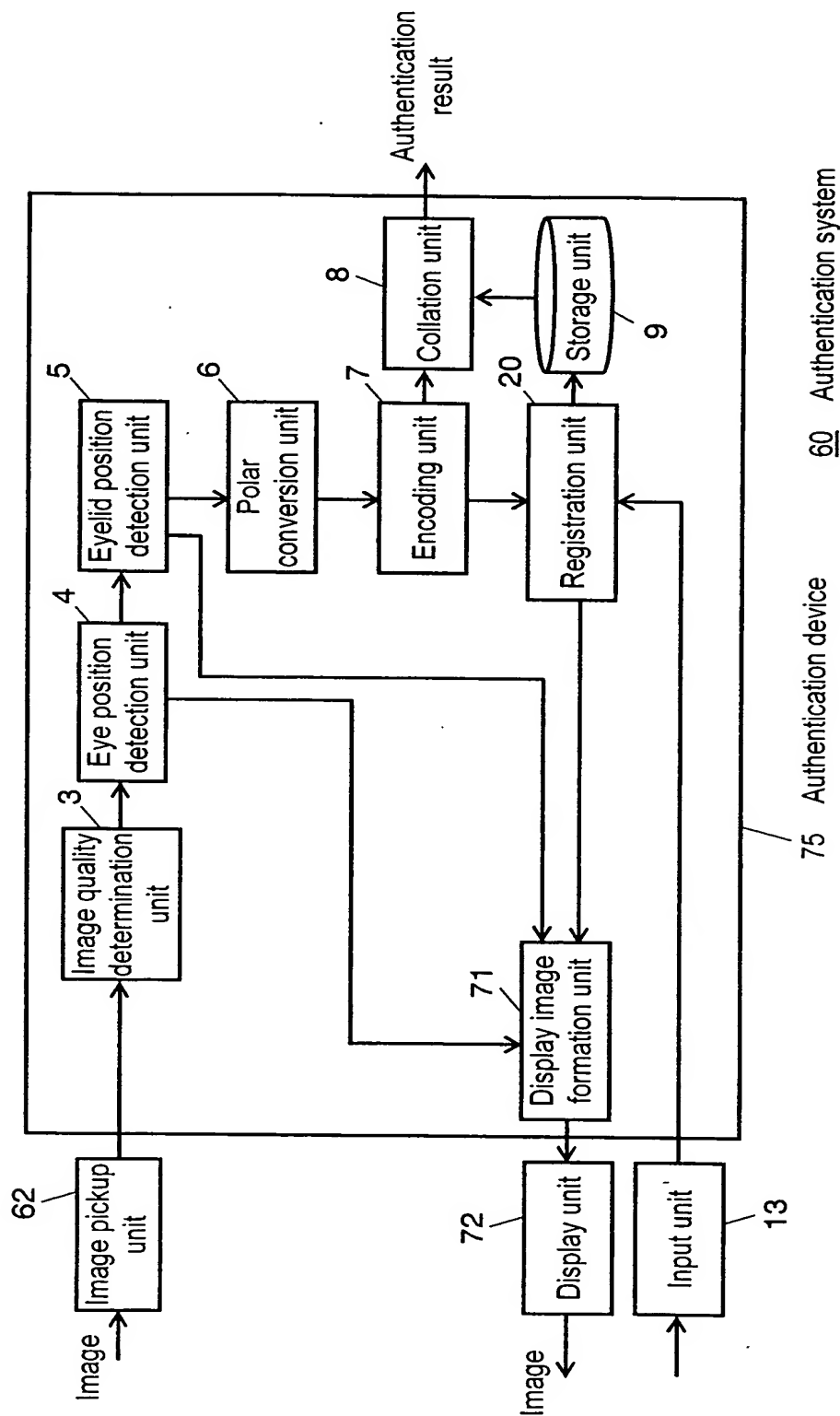
FIG. 11





9/13

FIG. 12



10/13

FIG. 13

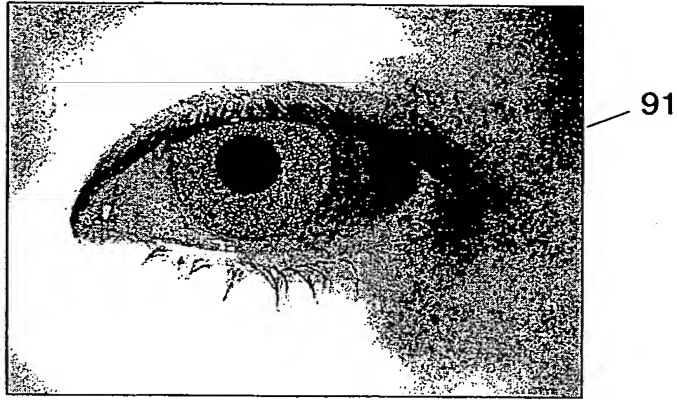


FIG. 14

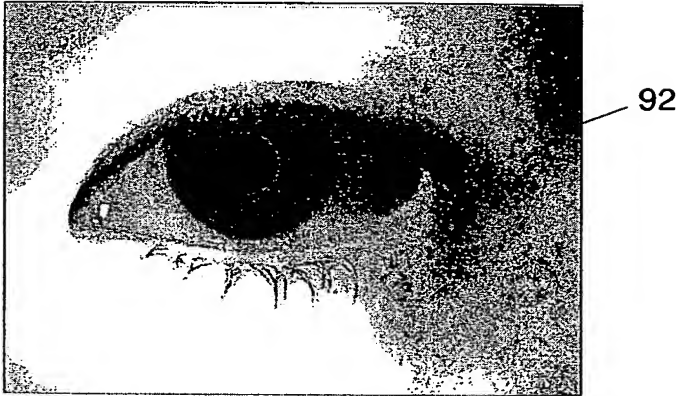
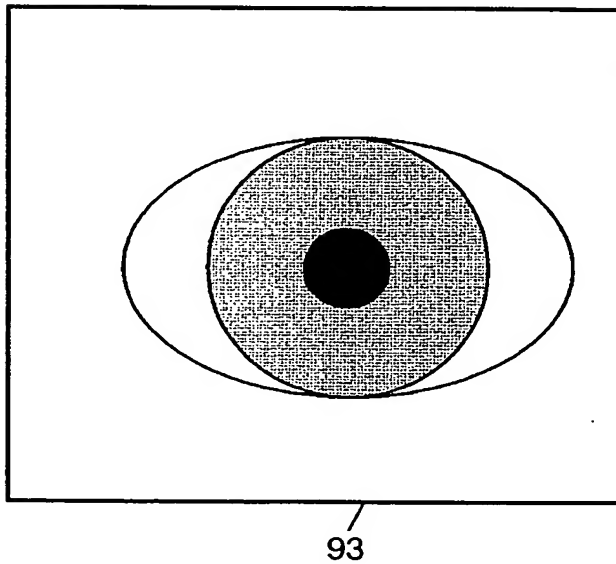
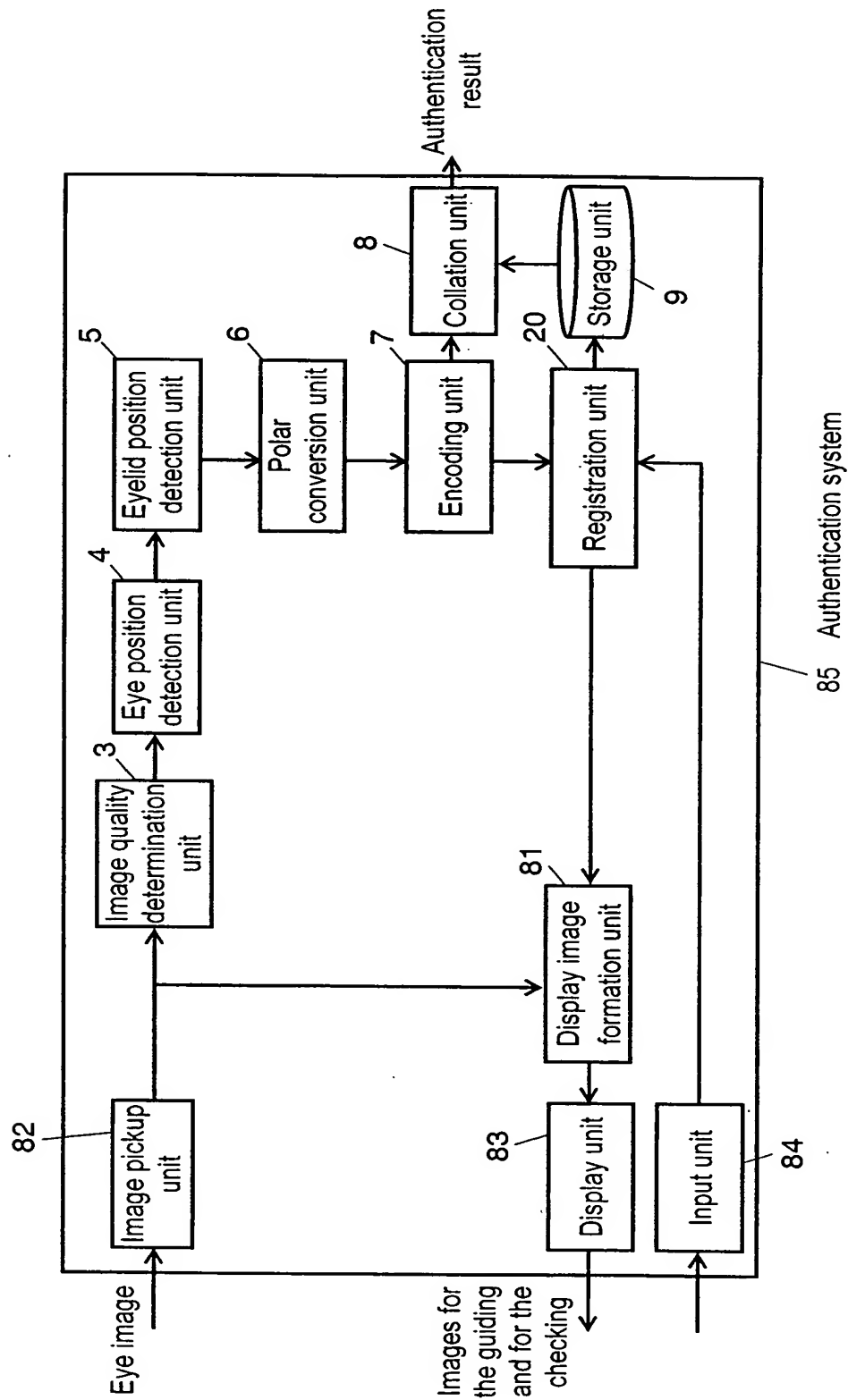


FIG. 15



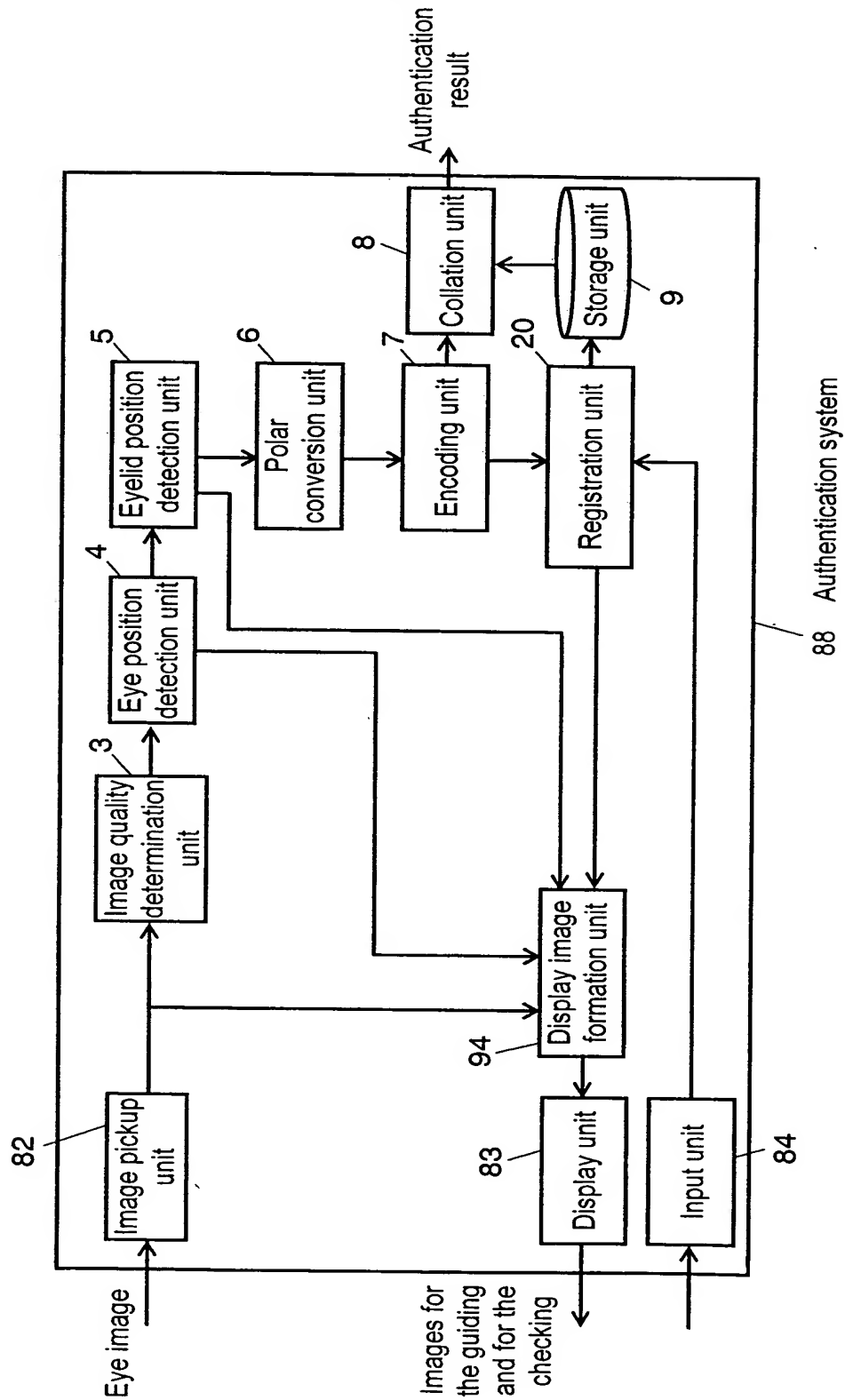
11/13

FIG. 16



12/13

FIG. 17



13/13

Reference numerals in the drawings

- 1, 61, 75 Authentication device
- 2, 62, 82 Image pickup unit
- 3 Image quality determination unit
- 4 Eye position detection unit
- 5 Eyelid position detection unit
- 6 Polar conversion unit
- 7 Encoding unit
- 8 Collation unit
- 9 Storage unit
- 10, 20 Registration unit
- 11, 31, 71, 81, 94 Display image formation unit
- 12, 72, 83 Display unit
- 13, 84 Input unit
- 21 User to be authenticated
- 22, 63 Information transmitter
- 23 Administrator
- 30, 60, 70, 85, 88 Authentication system
- 40 Mobile phone device
- 41 LED
- 42 Direct key
- 43 CCD camera
- 44 Liquid crystal display
- 50-54, 80, 91-93 Display image
- 64 Registration control device
- 65 Eye position guide unit
- 66 Mirror guide unit
- 67 Movement instruction unit